Pioneer

Upgrade Instructions and Operation Manual Addendum

2011 NAVIGATION UPGRADE SDHC-CARD

CNSD-239FM

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English

7-Zip

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Version 2.1, February 1999

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Thank you for buying this Pioneer product.

Please read through these operating instructions so you will know how to operate your model properly.

Important

- The screens shown in the examples may differ from actual screens.
- Actual screens may be changed without notice for performance and function improvements.

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- Read the entire manual before upgrading the programme of your navigation system.
- This package is unique, and cannot be installed on more than one unit.
- Web-connected computer is required for online issuance of password.

In case of trouble

- Should the navigation system fail to operate properly, contact your dealer or nearest authorised Pioneer Service Station.
- Do not lose the supplied Media Number Card (MEDIA NUMBER CARD). If the Media Number Card is lost, reissue of the Media Number (MEDIA NUMBER) is not possible. Also you must submit the Media Number Card when repairs are needed. The card is necessary as proof of authenticity if service is required (including recovery).■

Visit our website

Visit us at the following site:

http://www.pioneer.eu

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- We offer the latest information about PIONEER CORPORATION on our website.■

SD memory card

The SD memory card and SDHC memory card are collectively referred to as the “SD memory card”.

- ❒ Keep the SD memory card out of the reach of small children to prevent them from accidentally swallowing it.
- ❒ Do not store the SD memory card in high temperatures or direct sunlight.
- ❒ Do not subject the SD memory card to shock or impact.
- ❒ Do not allow the SD memory card to come into contact with liquids. Damage to the SD memory card and your products could result from contact with liquids.
- ❒ Be careful not to touch terminals on the SD memory card. Doing so may cause connection failures. If any terminals are dirty, wipe them with a clean dry cloth.

- ❒ SDHC Logo is a trademark of SD-3C, LLC.■

Models to be upgraded

This package can upgrade the software programme and database of the following models:

AVIC-F310BT■

Manual overview

This manual describes how to get the password and activate the upgrade. It also provides an overview of how functions change after the upgrade.

By upgrading AVIC-F310BT with this product, functions and operations will be nearly equivalent to AVIC-F320BT. Therefore, obtain Operation Manual for AVIC-F320BT and use it as your primary reference.

http://www.pioneer.eu

■

Setting items to be deleted and initialised by upgrade

The following data and settings will be cleared and reset to default values. Other items will be retained. However, some items are not listed because the setting can be easily recovered by users, such as the last cursor position on the map screen.

Route setting
Current route

Map function
Setting of "**Overlay POI**"

Others
Data of "**Black Spot**"

> The user data stored in the internal memory of the unit may be erased if an unexpected error occurs during software installation. Pioneer is not responsible for any data loss or unavailability of user data.

▣

Functions disabled by upgrade

Upgrading disables the following functions.

Searching for a name by entering multiple keywords
The function of searching by entering multiple keywords will be unavailable.
When you enter characters, the system will automatically search the database for all possible options. Only the characters you enter are active. ▣

Conventions used in this manual

Before moving on, take a few minutes to read the following information about the conventions used in this manual. Familiarity with these conventions will help you greatly as you learn how to use your new equipment.

- Menu items, screen titles, and functional components are described in **bold** with double quotation marks " ":
  e.g.)
  The "**Top Menu**" screen appears.
- Touch panel keys that are available on the screen are described in **bold** in brackets []:
  e.g.)
  [**Settings**]
- Extra information, alternatives and other notes are presented in the following format:
  e.g.)
  ❒ The structure of the menus will be changed due to the addition of the "**Top Menu**" screens.
- Functions of other keys on the same screen are indicated with ■ at the beginning of the description:
  e.g.)
  ■ Touch [**No**].
- References are indicated like this:
  e.g.)
  ➲ Refer to the screen listing at the end of the AVIC-F320BT Operation Manual. ▣

iPod compatibility

The upgraded version of AVIC-F310BT using CNSD-239FM supports the following iPod models and iPod software versions. Others may not work correctly.
Made for

- iPod touch (4th generation): iOS 4.3.1
- iPod touch (3rd generation): iOS 4.1
- iPod touch (2nd generation): iOS 3.1.1
- iPod touch (1st generation): iOS 3.1.2
- iPod classic 120GB: Ver. 2.0.1
- iPod classic 160GB (2009): Ver. 2.0.3
- iPod classic 80GB: Ver. 1.1.2
- iPod classic 160GB (2007): Ver. 1.1.2
- iPod with video: Ver. 1.3
- iPod nano (6th generation): Ver. 1.1
- iPod nano (5th generation): Ver. 1.0.1

- iPod nano (4th generation): Ver. 1.0.4
- iPod nano (3rd generation): Ver. 1.1.3
- iPod nano (2nd generation): Ver. 1.1.3
- iPod nano (1st generation): Ver. 1.3.1
- iPhone 4: iOS 4.3.1
- iPhone 3GS: iOS 4.3.1
- iPhone 3G: iOS 4.3.1
- iPhone: iOS 2.2

❒ In this manual, iPod and iPhone will be referred to as iPod.

❒ Operation methods may vary depending on the iPod models and the software version of iPod.

❒ Depending on the software version of the iPod, it may not be compatible with this equipment. ▣

PIONEER CNSD-239FM

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- Map Version, Tele Atlas. Rel. 06/2010.
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The navigation system upgrade process

1 Check the device number of your navigation system.
➲ For details of the operation, refer to *Checking the device number* on this page.

⬇

2 Get the password for authentication.
➲ For details, refer to *Getting the password for authentication* on the next page.

⬇

3 Upgrade the software programme of your navigation system.
➲ For details of the operation, refer to *Upgrading the software programme and the map database* on the next page.

⬇

4 Check whether the upgrade was done properly.
➲ For details of the operation, refer to *Checking whether the upgrade was done properly* on page 23.

⬇

5 Update the Bluetooth firmware.
➲ For details of the operation, refer to *Updating the Bluetooth wireless technology software* on page 23.

■

Preparation for upgrade

Checking the device number

For customers upgrading the hardware for the first time

First, check your device number (DEVICE NUMBER, displayed such as Device # or Device Number) of your navigation system for later procedures. To display the device number, do the following.

1 Touch [Menu] on the map screen.
The "**Navigation Menu**" screen appears.

2 Touch [Settings].
The "**Settings Menu**" screen appears.

3 Touch [Service Info].
The "**Service Information Screen**" screen appears.

4 Write down your device number (Device Number) onto the supplied Media Number Card (MEDIA NUMBER CARD) to avoid mistakes.
❒ Also write down "**Version**" information which would be used to confirm completion of the update.

For customers who have previously upgraded the hardware

First, check your device number (DEVICE NUMBER, displayed such as Device # or Device Number) of your navigation system for later procedures. To display the device number, do the following.

1 Touch [Home] on the map screen.
The "**Top Menu**" screen appears.

2 Touch [Settings].
The "**Settings Menu**" screen appears.

3 Touch [Service Info].
The "**Service Information Screen**" screen appears.

4 Write down your device number (Device Number) onto the supplied Media Number Card (MEDIA NUMBER CARD) to avoid mistakes.

❒ Also write down "**Version**" information which would be used to confirm completion of the update.

Getting the password for authentication

For upgrade, a unique password issued online is necessary. Access the website with your PC and get your password.
The following information is required.

- Media Number (MEDIA NUMBER) printed on supplied Media Number Card (MEDIA NUMBER CARD)
- Device Number (DEVICE NUMBER) of your navigation system

1 Access on the following website to issue your password.
http://www.pioneer.eu/UnlockNavgate
For issuing the password, follow the instruction on the website.

2 Record the password that you received.
You need to input this password accurately. Write down your password to avoid mistakes.

Upgrade procedures

NEVER stop the engine of your vehicle or turn off the power supply to the navigation system until the installation is completed. Turning the power off during upgrade process causes a malfunction or failure of the navigation system.

Upgrading the software programme and the map database

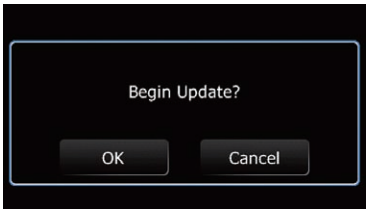
This section describes the upgrade procedures for your navigation system.

❒ The upgrade takes approximately 30 minutes in total.

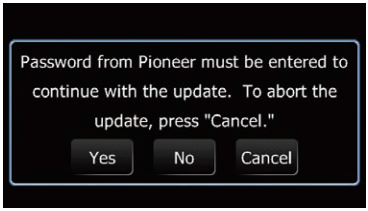
1 Park your vehicle in a safe place and apply the handbrake.

2 Insert the upgrade SD memory card into the SD card slot.
The message confirming whether or not to start the update will appear.

3 Touch [OK].



4 Touch [Yes].



After a short pause, the keyboard for entering the password will appear.

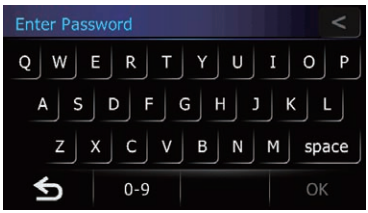
- Touch [**No**].

Shows the device number (Device #) of your navigation system.

- Touch [**Cancel**].

Cancels the update.

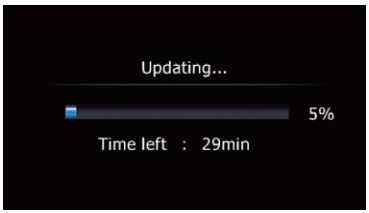
5 Enter the password for authentication that you obtained, then touch [OK].



A message confirming whether to restart the navigation system appears.

6 Touch [OK].
The navigation system restarts and then the installation begins.

7 Wait until the upgrade process is complete.



After the installation is complete, the navigation system restarts.

Checking whether the upgrade was done properly

Display "**Service Information Screen**" screen to compare the current version number with the previous one.

1 Touch [Home] on the map screen.
The "**Top Menu**" screen appears.

2 Touch [Settings].
The "**Settings Menu**" screen appears.

3 Touch [Service Info].

4 Check the version information.

Updating the Bluetooth wireless technology software

Access the Pioneer website to check your phone's compatibility. If your phone is on the list and you wish to update, manually update the Bluetooth firmware after the automatic upgrade is finished.
http://www.pioneer.eu

❒ Registered phones that are listed on the "**Connection List**" screen are cleared by the software update.

1 Insert the upgrade SD memory card into the SD card slot.

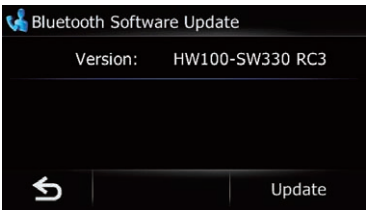
2 Touch [Home] on the map screen.
The "**Top Menu**" screen appears.

3 Touch [Phone].
The "**Phone Menu**" screen appears.

4 Touch [Setting].
The "**Bluetooth Settings**" screen appears.

5 Touch [Bluetooth Software Update].
The current version is displayed.

6 Touch [Update].



A message confirming whether to start updating the software appears.

7 Touch [Yes].
Update starts.

8 Wait until the upgrade process is complete.
A message will appear after the update is complete.

9 Touch [OK].
Update is completed. ■

If you upgrade your navigation system using this SD memory card, the system will have the following changes.

For customers upgrading the hardware for the first time

The new screens

The following two "**Top Menu**" screens will be added.

Classic Menu

This is the starting menu to access the desired screens and operate the various functions.

Shortcut Menu

You can register desired menu items to switch to the menu screen by a simple touch.

❒ The structure of the menus will be changed due to the addition of the "**Top Menu**" screens.
➲ Refer to the screen listing at the end of the AVIC-F320BT Operation Manual.

Applications function

You can launch applications downloaded to an SD memory card via the utility programme navgate FEEDS.

❒ The utility programme navgate FEEDS is available from our website. For details, refer to the information on our website.

Eco-driving function

- The Eco-driving functions are an estimate of the real time fuel consumption to average fuel consumption ratio and is not an actual value.
- The Eco-driving functions and calculations take into consideration the location of the GPS position and speed of the vehicle in determining a value.
- Indications of the navigation system may be different from the actual value.
- Some of the features of the navigation system do not take in to consideration the type of vehicle it is installed into.

Upgrading enables the Eco-driving function, which supports environmentally-friendly driving.

- Displaying Eco-Meter on the map
- Displaying "**Eco Graph**"
- Displaying Eco Drive Level guidance
- Sudden start alert

Map function

Switching the map between 2D and 3D

If you touch , or icons will be displayed.
You can change the map display by touching or .

Switching to the "Eco Graph" screen

is displayed on the map screen. If you touch , you can switch to the "**Eco Graph**" screen.

Using the keyboard

Cyrillic characters will be added to the input method.

Displaying tick marks on the "Overlay POI (Main Category)" screen

A tick mark appears next to the main category containing the selected sub-category.

Displaying the "Clear Data/ Setting" screen

You can display the"**Clear Data/Setting**" screen by touching and holding [**F. Reset**] on the "**Settings Menu**" screen.

Searching for a name by entering characters

When you enter characters on a search screen, the system will automatically search the database for all possible options. Only the characters you enter are active.

For customers who have previously upgraded the hardware

Searching for a name by entering characters

When you enter characters on a search screen, the system will automatically search the database for all possible options. Only the characters you enter are active.

Problems in the procedures for updating

Symptom	Cause	Action
The upgrade process doesn't start and the navigation system boots up as usual.	An incorrect SD memory card has been inserted.	Eject the inserted SD memory card and insert the correct upgrade SD memory card.
	Upgrade has been already done.	Check whether the upgrade was done properly. If the upgrade has not been done yet, consult the nearest authorised service station.
	The screen that cannot begin the upgrade process is displayed.	Eject the upgrade SD memory card, and display the map of your current position, and then reinsert the card.
The navigation system does not work properly after upgrade.	The engine of your vehicle was stopped or the power supply to the navigation system was turned off during upgrade process.	Consult the nearest authorised service station.
	Upgrade SD memory card was pulled out during upgrade process.	Consult the nearest authorised service station.

Messages in the procedures for updating

The following messages may be displayed by your navigation system. Refer to the table below to identify the problem, then take the suggested corrective action.
There are occasions when you may see error messages other than those shown here. In such a case, follow the instructions given on the display.

Message	When	What to do
An error occurred and the update failed.	Unexpected error occurred in the update process.	Consult your local Pioneer dealer if this message persist.

http://www.pioneer.eu

Visit **www.pioneer.co.uk** (or **www.pioneer.eu**) to register your product.
Visitez **www.pioneer.fr** (ou **www.pioneer.eu**) pour enregistrer votre appareil.
Si prega di visitare il sito **www.pioneer.it** (o **www.pioneer.eu**) per registrare il prodotto.
Visite **www.pioneer.es** (o **www.pioneer.eu**) para registrar su producto.
Zum Registrieren Ihres Produktes besuchen Sie bitte **www.pioneer.de** (oder **www.pioneer.eu**).
Bezoek **www.pioneer.nl** (of **www.pioneer.eu**) om uw product te registreren.
Посетите **www.pioneer-rus.ru** (или **www.pioneer.eu**) для регистрации приобретенного Вами изделия.

PIONEER CORPORATION
1-1, Shin-ogura, Saiwai-ku, Kawasaki-shi,
Kanagawa 212-0031, JAPAN

PIONEER ELECTRONICS (USA) INC.
P.O. Box 1540, Long Beach, California 90801-1540, U.S.A.
TEL: (800) 421-1404

PIONEER EUROPE NV
Haven 1087, Keetberglaan 1, B-9120 Melsele, Belgium/Belgique
TEL: (0) 3/570.05.11

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